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Substitute for form 1449B/PTO

MAY 30 2002
PC48

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1

of 2

Complete if Known

Application Number	09/992,845
Filing Date	November 14, 2001
First Named Inventor	McDonald, Karen A.
Group Art Unit	1638
Examiner Name	Unassigned
Attorney Docket Number	023070-114510US

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U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
RK	AA	6,127,145		Sutliff et al.	10-03-2000	

FOREIGN PATENT DOCUMENTS								
Examiner Initials *	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Office ⁴	Number ⁴	Kind Code ⁵ (if known)				
RK	AB	WO	95/14099		Regents of The University of California	05-26-1995		

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS							
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					T ²
RK	AC	DES MOLLES, D.V. et al., "Expression of a Carrot Invertase Gene in Tobacco Suspension Cells Cultivated in Batch and Continuous Culture Conditions," <i>Journal Bioscience Bioeng.</i> , 87:302-306 (1999)					
RK	AD	FISCHER, U. et al., "Semicontinuous cultivation of photoautotrophic cell suspension cultures in a 20 l airlift-reactor," <i>Plant Cell, Tissue and Organ Culture</i> , 38:123-134 (1994)					
RK	AE	HUANG, N. et al., "Metabolic regulation of α -amylase gene expression in transgenic cell cultures of rice (<i>Oryza sativa</i> L.), <i>Plant Molecular Biology</i> , 23:737-747 (1993)					
RK	AF	HUANG, N. et al., "Structural organization and differential expression of rice α -amylase genes," <i>Nucleic Acids Research</i> , 18(23):7007-7014 (1990)					
RK	AG	MOORHOUSE, S.D. et al., "A plant cell bioreactor with medium-perfusion for control of somatic embryogenesis in liquid cell suspensions," <i>Plant Growth Regulation</i> , 20:53-56 (1996)					
RK	AH	OZTURK, S.S., "Engineering challenges in high density cell culture systems," <i>Cytotechnology</i> , 22:3-16 (1996)					
RK	AI	PHISALAPHONG, M. and LINDEN, J.C., "Kinetic Studies of Paclitaxel Production by <i>Taxus canadensis</i> Cultures in Batch and Semicontinuous with Total Cell Recycle," <i>Biotechnol. Prog.</i> , 15:1072-1077 (1999)					

Examiner Signature	Ronald Kally	Date Considered	2/4/04
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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**INFORMATION DISCLOSURE
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RF	AJ	RYLAND, J.R. et al., "Effect of Gelatin on the Stability of Heavy Chain Monoclonal Antibody Production from Plant Suspension Cultures," <i>J. Microbiol. Biotechnol.</i> 10(4):449-454 (2000)	
	AK	SCRAGG, A.H. et al., "Growth of <i>Catharanthus roseus</i> suspensions for maximum biomass and alkaloid accumulation," <i>Enzyme Microb. Technol.</i> , 12:292-298 (1990)	
	AL	SEKI, M. et al., "Taxol (Paclitaxel) Production Using Free and Immobilized Cells of <i>Taxus cuspidata</i> ," <i>Biotechnology and Bioengineering</i> , 53(2):214-219 (1997)	
	AM	SU, W.W. and LEI, F., "Perfusion Strategy for Rosmarinic Acid Production by <i>Anchusa officinalis</i> ," <i>Biotechnology and Bioengineering</i> , 42(7):884-890 (1993)	
	AN	SU, W.W. et al. "High density cultivation of <i>Anchusa officinalis</i> in a stirred-tank bioreactor with <i>in situ</i> filtration," <i>Appl. Microbiol. Biotechnol.</i> , 44:293-299 (1995)	
	AO	SU, W.W. et al., "A perfusion air-lift bioreactor for high density plant cell cultivation and secreted protein production," <i>Journal of Biotechnology</i> , 50:225-233 (1996)	
	AP	TEN HOOPEN, H.J.G. et al., "Continuous Culture of Suspended Plant Cells," <i>In Vitro Cell Dev. Biol.</i> , 28P:115-120 (1992)	
	AQ	TERASHIMA, M. et al., "Effects of sugar concentration on recombinant human α_1 -antitrypsin production by genetically engineered rice cell," <i>Biochemical Engineering Journal</i> , 6:201-205 (2000)	
	AR	TERASHIMA, M. et al., "Production of functional human α_1 -antitrypsin by plant cell culture," <i>Appl. Microbiol. Biotechnol.</i> , 52:516-523 (1999)	
RF			

Examiner
Signature

Russell Kallis

Date
Considered

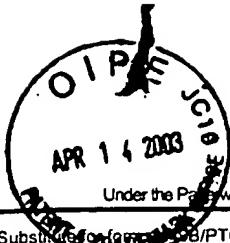
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Substitute for Form PTO-892B/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	09/992,845
(use as many sheets as necessary)		Filing Date	November 14, 2001
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		Art Unit	1638
		Examiner Name	Unassigned
Sheet	1	of 1	Attorney Docket Number
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RK	AA	US-4,064,015	12/20/1977	Nyiri et al.	
RK	AB	US-5,693,506	12/02/1997	Rodriguez	

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS					
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
RK	AC	van Lier et al., "Long-term semi-continuous production of recombinant baculovirus protein in a repeated (fed-) batch two-stage reactor system", Enzyme and Microbial Technology 18:460-466 (1996).			
RK	AD	Glick et al., "Molecular Biotechnology: Principles and Applications of Recombinant DNA", ASM Press, Washington, D.C., page 312, lines 1-8, (1994).			

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Examiner Signature	Russell Kallin	Date Considered	2/4/04		

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